HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

**PATENT APPLICATION**

ATTORNEY DOCKET NO. <u>200315416-1</u>

## IN THE
## UNITED STATES PATENT AND TRADEMARK OFFICE

*Inventor(s):*    S. Maddocks, J. Dicorpo, B. Torrey          *Confirmation No.:*

*Application No.:*                                            *Examiner:*

*Filing Date:*                                               *Group Art Unit:*

*Title:*    Interface manager and Methods of Operation in a Storage Network

*Commissioner for Patents*
*PO Box 1450*
*Alexandria, VA  22313-1450*

<u>INFORMATION DISCLOSURE STATEMENT</u>

*Sir:*

This Information Disclosure Statement is submitted:

(**X**)    under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

(  )    under 37 CFR 1.97(c) together with either a:
(  )    Statement under 37 CFR 1.97(e), or
(  )    a $180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

(  )    under 37 CFR 1.97 (d) together with a:
(  )    Statement under 37 CFR 1.97(e)(1) or (2), and
(  )    a $180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of ___$0.00___ . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(**X**)    Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

(  )    A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content  is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. *EV395541639US*

Date of Deposit *Jan. 14, 2004*

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By _____

Typed Name: *Hope A. Charles*

Respectfully submitted,

**S. Maddocks, J. Dicorpo, B. Torrey**

By _____

*Mark D. Trenner*

Attorney/Agent for Applicant(s)
Reg. No.    *43,961*

Date: *Jan. 14, 2004*

Rev 10/03 (IDSXML)

Telephone No.: *(303) 539-0265*

| FORM PTO-1449 | ATTY. DOCKET NO. 200315416-1 | APPLICATION NO. | CONFIRMATION NO. |
|---|---|---|---|
| *LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT* *(Use several sheets if necessary)* | APPLICANT *Steven Maddocks et al* | | |
| | FILING DATE | GROUP | |

## REFERENCE DESIGNATION        U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | PUBLICATION DATE | NAME | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
|---|---|---|---|---|---|
| | 1A | 6,636,239 | 10-21-2003 | Arquie et al | |
| | 1B | 6,421,723 | 07-16-2002 | Tawil | |
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| | 1E | 6,502,156 | 12-31-2002 | Sacker et al | |
| | 1F | 5,664,146 | 09-02-1997 | Bolin | |
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## FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | Pages/Columns/Lines Where Relevant Passages/Figures Appear | Check if Translation attached |
|---|---|---|---|---|---|---|
| | 1L | | | | | |
| | 1M | | | | | |
| | 1N | | | | | |
| | 1O | | | | | |
| | 1P | | | | | |

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | 1Q | "Increasing System Uptime and Lowering TCO with JNI's No-Reboot 5.3 Solaris Driver" JNI Corporation, 2003, 6 pages |
|---|---|---|
| | 1R | "SANsurfer: Sanblade FC and HVA Configuration Applications for the Local Host" QLogic Corporation 2003 2 pages |
| | 1S | Chapter 4, Troubleshooting, Quantum DX30 User's Guide, ver 4, rel. 0, Quantum Corporation, July 2003 pgs 91-96 |

| EXAMINER | DATE CONSIDERED |
|---|---|
| | |

Rev 10/03 (PTO1449)